1. A cooled gas turbine vane comprising:

a first platform and a second platform in spaced relation with said second platform radially outward from said first platform;

an airfoil extending radially between said first and second platforms, said airfoil having a leading edge and trailing edge, each generally perpendicular to said first and second platforms, and a first wall and second wall extending between said leading edge and said trailing edge;

one or more cooling circuits disposed between said first and second walls, each of said cooling circuits having:

a row of first pedestals extending generally radially outward, said first pedestals extending between said first wall and said second wall and having a first diameter;

one or more rows of second pedestals extending generally radially outward, said second pedestals extending between said first wall and said second wall, and having a second diameter, said second pedestals spaced a first distance axially from said first pedestals and offset radially a second distance from said first pedestals;

one or more rows of third pedestals extending generally radially outward, said third pedestals extending between said first wall and said second wall, and having a third diameter, said third pedestals spaced a third distance axially from said second pedestals and offset radially a fourth distance from said second pedestals;

a plurality of axially extending ribs, said ribs generally bisecting said rows of first, second, and third pedestals, said ribs having an upper wall and a

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5	lower wall in spaced relation thereby forming a rib thickness therebetween, said ribs having at least one recessed cavity in said upper wall and said lower wall;
10	wherein pedestals positioned immediately adjacent said recessed cavity of said ribs are separated from said recessed cavity by a cavity passageway.
15	2. The cooled gas turbine vane of Claim 1 wherein said first diameter of said first pedestals is at least 0.060 inches.
	3. The cooled gas turbine vane of Claim 1 wherein said second diameter of said second pedestals is at least 0.040 inches.
20	4. The cooled gas turbine vane of Claim 1 wherein said third diameter of said third pedestals is at least 0.040 inches.
	5. The cooled gas turbine vane of Claim 1 wherein said second diameter of said second pedestals is equal to said third diameter of said third pedestals.
25	6. The cooled gas turbine vane of Claim 1 wherein said first diameter is greater than said second diameter and said third diameter.
	7. The cooled gas turbine vane of Claim 1 wherein said first distance is greater than said second distance.
30	8. The cooled gas turbine vane of Claim 1 wherein said third distance is greater than said fourth distance.
	9. The cooled gas turbine vane of Claim 1 wherein said rib thickness is at least 0.060

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inches.

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- 10. The cooled gas turbine vane of Claim 9 wherein said recessed cavity extends into said rib a maximum of 25% of said rib thickness.
- 11. The cooled gas turbine vane of Claim 1 wherein said cavity passageway is equal to the diameter of said adjacent pedestal.
- 12. The cooled gas turbine vane of Claim 1 wherein said pedestals positioned immediately adjacent said recessed cavity is one or more second pedestals.
- 13. The cooled gas turbine vane of Claim 1 wherein said pedestals positioned immediately adjacent said recessed cavity is one or more third pedestals.
  - 14. A cooling circuit disposed between a first wall and a second wall of a gas turbine airfoil, said cooling circuit comprising:

a row of first pedestals extending generally radially outward, said first pedestals extending between said first wall and said second wall and having a first diameter;

one or more rows of second pedestals extending generally radially outward, said second pedestals extending between said first wall and said second wall, and having a second diameter, said second pedestals spaced a first distance axially from said first pedestals and offset radially a second distance from said first pedestals;

one or more rows of third pedestals extending generally radially outward, said third pedestals extending between said first wall and said second wall, and having a third diameter, said third pedestals spaced a third distance axially from said second pedestals and offset radially a fourth distance from said second pedestals;

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a plurality of axially extending ribs, said ribs generally bisecting said rows of first, second, and third pedestals, said ribs having an upper wall and a lower wall in spaced relation thereby forming a rib thickness therebetween, said ribs having at least one recessed cavity in said upper wall and said lower wall;

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wherein pedestals positioned immediately adjacent said recessed cavity of said ribs are separated from said recessed cavity by a cavity passageway.

- 15. The cooled gas turbine vane of Claim 14 wherein said first diameter of said first pedestals is at least 0.060 inches.
  - 16. The cooled gas turbine vane of Claim 14 wherein said second diameter of said second pedestals is at least 0.040 inches.

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- 17. The cooled gas turbine vane of Claim 14 wherein said third diameter of said third pedestals is at least 0.040 inches.
- 18. The cooled gas turbine vane of Claim 14 wherein said second diameter of said second pedestals is equal to said third diameter of said third pedestals.
  - 19. The cooled gas turbine vane of Claim 14 wherein said first diameter is greater than said second diameter and said third diameter.
  - 20. The cooled gas turbine vane of Claim 14 wherein said first distance is greater than said second distance.
    - 21. The cooled gas turbine vane of Claim 14 wherein said third distance is greater than said fourth distance.

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- 5 22. The cooled gas turbine vane of Claim 14 wherein said rib thickness is at least 0.060 inches.
  - 23. The cooled gas turbine vane of Claim 22 wherein said recessed cavity extends into said rib a maximum of 25% of said rib thickness.
  - 24. The cooled gas turbine vane of Claim 14 wherein said cavity passageway is equal to the diameter of said adjacent pedestal.
  - 25. The cooled gas turbine vane of Claim 14 wherein said pedestals positioned immediately adjacent said recessed cavity is one or more second pedestals.
  - 26. The cooled gas turbine vane of Claim 14 wherein said pedestals positioned immediately adjacent said recessed cavity is one or more third pedestals.

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